PROGRAMME

SOUTH ISLAND AGRICULTURAL

24-26 March S

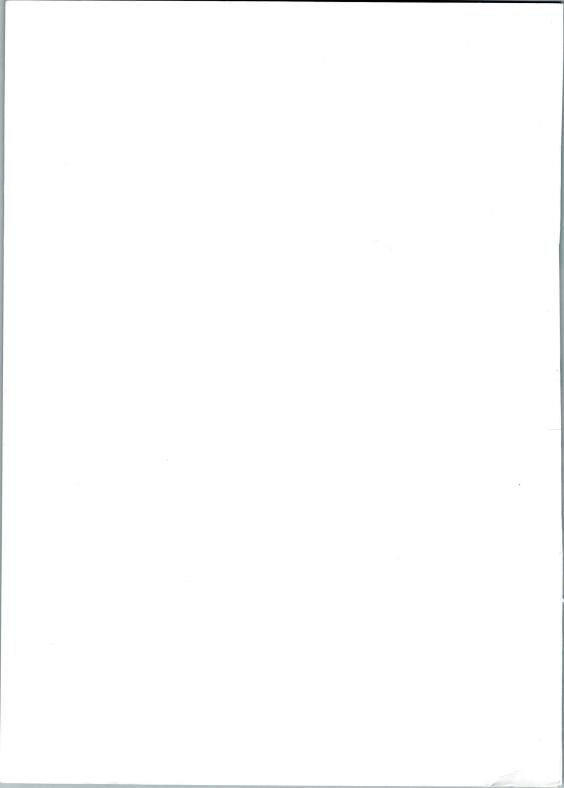


FIELD DAYS LINCOLN









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FIELD DAYS

PROGRAMME

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Chairman's Welcome

The South Island Agricultural Field Days are with us again and over the next three days. I trust that you find some aspect of our Field Days interesting and informative. I am expecting this to be one of the largest South Island Agricultural Fields Days in the 46 years of their existence. A special feature of this 1999 Field Days is the Barley Crop to be used for the Combine Harvester demonstrations. I would like to thank all of those involved in this aspect of the event. Special thanks to *Pyne Gould Guinness* for the supply of the seed and *Ravensdown* for the fertiliser.

The Christchurch District of the Young Farmers Club are continuing to maintain a high standard of voluntary organisation of the Field Days and the administrative service has been provided by the Centre for Continuing Education, Lincoln University.

As in previous years we have had strong backing from those associated with the industry. We are particularly grateful to all of our sponsors. *McKay and Donaldson Yamaha* and *Bob McCleary Yamaha* have donated a Yamaha motor cycle as a prize for those who return the clipping from the feature in the Rural News and in this programme. *Ashburton Trading Society* are sponsoring the best site competition. The demonstrations have been sponsored by the *Rural Contractors Magazine*.

A new concept at the 1999 Field Days is the seminars which will be held daily in the catering tent. These sessions will be held at 10-11am and at 2.00-3.30pm. Details of these seminars will be displayed outside the catering tent.

The fencing competition is another important feature of these field days and *Speedrite* are sponsoring the electric fence competition. *Hurricane* will sponsor the Hurricane Challenge for the conventional fences. Entries for both of these

competitions are high, which can only improve the standard of fencing in New Zealand.

The Tractor Pull competition has once again been sponsored by *Ravensdown*. A new vintage class has been incorporated into the competition this year.

Finally I would like to thank the organising committee for the many hours of voluntary work that they have put in to make the Field Days a success. I would like to thank John McCartin and the Lincoln University Cropping Farm staff for the goodwill and assistance they have shown the committee. The committee and I would also like to thank Bill Pickering for his services over past and present field days. This support will be greatly missed as Bill will move on to new and exciting ventures and we wish him luck.

I welcome you all to the 1999 South Island Agricultural Field Days.

Robert McCarthy



WHATEVER TURNS YOU ON



MX MAGNUM SERIES TRACTOR

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CASE III

SOUTH ISLAND AGRICULTURAL FIELD DAYS

organised for you by

New Zealand Federation of the Young Farmers' Clubs

Christchurch District Committee

and

Centre for Continuing Education

Lincoln University

to be held on

Lincoln University Research Farm

24-26 March 1999

Chair:

Robert McCarthy

Vice-Chairs:

Douglas Gough and Paul Cockburn

Field Days Secretary:

Errol Costello

Immediate Past Chair:

Stephen Radford

Organising Committee:

Gary Micheal, David Hadfield, Dean Judson, Hamish Reid, Duane Stewart, Willie James, John Gilbert, Justin

O'Brien, Ryan Ashby, Paul Wright, Neil Baxter

Farm Manager Research Farm:

Bill Pickering

Farm Manager Cropping Unit:

John McCartin

Postal Address:

Secretary

South Island Agricultural Field Days Centre for Continuing Education

PO Box 84

Lincoln University

Telephone (03) 325 3832

Site Phone (03) 325 6127

The Field Days organising committee records its appreciation to all firms and organisations participating in the Field Days, and also to:

Clark Equipment
St John Ambulance Association
Avon City Ford
Smiths Attachments
Hurricane Wire
Graeme Martin
All staff at Centre for Continuing
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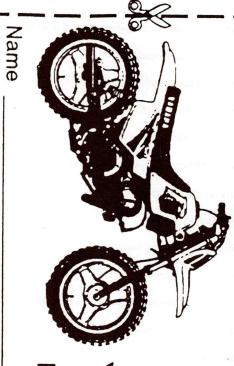
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PROGRAMME

Day 1 - Wednesday 24 March

8.00am	Gates open
9.00am	Ravensdown Modified and Super-modified practice
	Judging of new farm equipment awards
9.30am	Strainrite, Profarm supplies, Beattie Insulators, YFC electric
	fencing competition briefing
10.00am	Ravensdown standard tractor pull competition - half hourly
	Strainrite, Profarm supplies, Beattie Insulators
	Electric fencing competition ceases
	Demonstration of mowers
	Seminars in the catering marquee
11.00am	Demonstration of hayrakes
12 noon	Plot Demonstration - Potato Harvesting (subject to machine availability)
1.00pm	Modified and Super Modifieds - Round 1
	Demonstration of Balers
2.00pm	Demonstration of Combine Harvesters
2.30pm	Seminars in the catering marquee
3.00pm	Announcement of the New Farm Equipment Awards
	Announcement of the Strainrite, Profarm, Beattie Insulators, YFC
	fencing competition
	Demonstration of miscellaneous items
5.00pm	Gates close



Take this entry I form to I

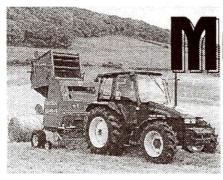
Yamaha – SITE 9 by Lincoln Field Days main office

Ph

Address

Day 2 - Thursday 25 March 1999

8.00am	Gates open
9.30am	Hurricane Challenge YFC Teams Fencing Competition briefing
10.00am	Hurricane Challenge YFC Teams Fencing Competition
	Ravensdown Standard Tractor Pull competition - half hourly
	Demonstration of Bale Feeders
	Seminars in catering marquee
12.00noon	Plot Demonstrations - Potato Harvesting (subject to machine availability)
1.00pm	Demonstration of Ploughs
	Modified and Super Modifieds - Round 2
1.30pm	Demonstration of Cultivation Equipment,
2.00pm	Seminars in catering marquee
3.00pm	Demonstration of Drills
3.30pm	Modified and Super Modifieds - Round 3
	Demonstration of miscellaneous items
5.00pm	Gates close



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Day 3 - Friday 26 March 1999

8.00am Gates open 9.30am Modified and Super Modifieds - Round 4 10.00am Ravensdown tractor pull semifinal Announcement of the Hurricane Challenge Fencing winners Seminars in catering marquee 10.00am Miscellaneous demonstrations Modified and Super Modifieds - Round 5 11.30am Miscellaneous Demonstrations 1.00pm 2.00pm Ravensdown Standard tractor pull finals and prize giving Modified and Super Modifieds finals Seminar in the cartering marquee 2.30pm Modified and Super Modifieds - top three shoot out 3.30pm McKay and Donaldson Yamaha Motorcycle draw Best Comparative Demonstration Best Site Competition 5.00pm Gates close



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and
THE SOUTH ISLAND
AGRICULTURAL
FIELD DAYS

Ravensdown TRACTOR PULL

3 days of events for Standard Tractors, Modified and Super Modified Tractors



Ravensdown STANDARD Tractor Pull

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\$750 \$500

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Massey Ferguson tractor: YFC Member:

Parts voucher of \$50 from Canterbury Tractors Ltd. Prize valued at \$200 from S. I. Ag Field Days.

Ravensdown

SUPER MODIFIED Tractor Pull

MODIFIED Tractor Pull

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First Prize: \$300 Second Prize: \$200

Third Prize: \$100 Third Pr

Third Prize: \$100

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Ravensdown STANDARD TRACTOR PULL



HEATS TO BE HELD ON THURSDAY, MARCH 25 SEMI FINALS AND GRAND FINAL ON FRIDAY, MARCH 26.

ABOUT THE EVENT

The aim of this competition is to test the skill of operators in setting up and driving their standard tractors to obtain the best speed over a 100 metre course, pulling sledges weighted in proportion to their tractors' maximum power output.

The concept and rules for the competition are the same as for the N.Z. Tractor Pull Competition, staged annually at the N.Z. National Agricultural Fieldays, Hamilton. This event was first held in 1975 and is now a well established, exciting and major feature at the National Fieldays, Northland Field Days and the South Island Agricultural Field Days.

Each competitor will compete in two heats on the Thursday - one each in the morning and afternoon. The fastest time recorded from the two heats for each competitor will be used to determine the nine fastest entrants who will proceed through to the knock out finals on Friday, March 26. It is only the fastest time from the two heats for each competitor that is used to sort out the fastest nine finalists. Alterations can be carried out between the heats to try and improve the time. A practice run (up to the start line) prior to each race would be used for final adjustments of hitch, speed, gear etc.

In theory each operator should complete the course in exactly the same time were it not for the variation in the efficiency with which different competitors utilize their tractor's available power. Factors which affect efficient conversion of engine power to drawbar power include: tractor weight and ballast: tyre type, size, lug design and inflation pressures; hitch method; efficiency of transmission; engine speed and gear selection; dual wheels, flotation tyres, use of diff lock; two or four wheel drive; soil type, moisture content, and conditions.

A skilful driver can optimise all of these factors both in the competition and in the paddock.

The power figure used to calculate the total sledge weight is the maximum PTO power of the competing tractor as measured by PTO dynamometer on the day. The sledges will be weighted so the maximum speed for the majority of tractors will be about 10 km/hr, corresponding to about 36 seconds to travel the 100 metre course.

MODIFIED TRACTOR PULL

ROUNDS TO BE HELD ON WEDNESDAY, THURSDAY and FRIDAY

ABOUT THE EVENT

The modified tractor event will be similar to previous years events and differs in several ways from the standard event described above. It will feature "Super Modified" and "Modified" tractors (also known as "drag tractors") running under the rules of the N.Z. Modified Tractor Pull Association Inc. They will compete over the 100m course pulling sledges of equal weight for each class and contest six rounds of competition over the three days. The time taken for the course will be recorded for each round of the competition and at the end of the event each competitor will drop their slowest run and total the time for the remaining rounds. The competitor with the lowest aggregate time will be declared the overall winner. Competitors will have an opportunity to try starting technique, select the appropriate gear ratios etc, on the run up to the start line. At the conclusion of the main competition there will be a "top three shoot out" This will be a single run, winner takes all, type of competition between the fastest three tractors in each class. Super Modified drivers will compete for a trophy donated by North South Transport, Modified drivers will compete for the Hampton Trophy.

The modified tractors compete in two different classes. For both classes, only one engine is allowed but the engine type is completely open and virtually any fuel type can be used. The major difference between the classes is the allowable total tractor weight - for the Super Modifieds, this is 4 tonnes compared with 2.6 tonnes for the Modifieds. Also tyre size is open for the Super Modifieds but restricted to 18.4/15 x 30 singles for the Modified class. Nearly all competitors use automotive engines and automatic transmissions married into a conventional tractor 'backend'. In the Modified class large six cylinder engines (about 250 cu in) are very competitive - more power is simply lost in wheel slip due to the lower weight and smaller tyres. Large displacement V8s, typically 450 cu in and sometimes supercharged are the norm in the Super Modifieds. Most are extensively modified and producing hundreds of kW. Consequently, these machines provide spectacular noisy action with plenty of speed and are very popular wherever they appear.

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COMPARATIVE DEMONSTRATIONS PROGRAMME

Day 1 - Wednesday 24 March

10am - Mowers

Tulloch Farm Machines Krone AMT 4000

11am - Hay Rakes

Taege Manufacturing 14 Reel Vee Rake

12 noon - Plot Demonstration of Potato Harvesting

Subject to Machine Availability

1pm - Balers

CB Norwood Dist Ltd New Holland 654-C

2pm - Combine Harvesters

Case Corporation Pty Case IH 2388 Axial Flow

Other machinery subject to availability

3pm - Miscellaneous

Euro Agri Imports Ltd Breadal B2 Fert Spreader

Air-Tec ATV Air-Tec - Fert Spreader

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You won't be able to complete the entire diploma in your home district, but you will be able to do all eight first year papers and that will give you either a Lincoln Certificate in Agriculture or Certificate in Horticulture. Alternatively, you can do just one or two individual papers and receive a Lincoln Certificate of Proficiency in each subject you pass.

If your ambition is to continue on and complete the full diploma then the second year of the course has to be done as a fulltime student on the Lincoln campus.

The new venture is known as the Regional Diploma Programme and the first two papers - Management A and Soils and Soil Management - were offered for the start of Lincoln University's first semester on 22 February. In the second semester, starting on 5 July, Management B and Engineering will be offered.

Lincoln University supplies all the necessary self-learning course material and this is supported by tutorials conducted by Agriculture New Zealand consultants. Students will normally take one or two subjects in each semester, with the availability of each subject at each site being conditional on enrolments.

The home district study sites offered in the semester which is under way now are Gore, Dunedin, Hawkes Bay/Woodville, Tauranga and Pukekohe/Kumeu.

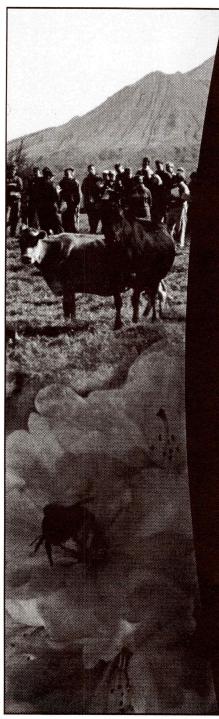
"If a group of 12 or more potential students can be assembled in any one district, and the location ties in with the Agriculture New Zealand network, then we're all in business," says Lincoln University's diploma studies co-ordinator, Dr Warwick Scott.

The new regional, part-time diploma opportunity runs in parallel with the traditional, fulltime, campus-based programme and does not replace that way of doing the qualification.

"It's complementary and a new option, not a replacement approach," stresses Dr Scott.

"It gives Lincoln University one more way of providing the educational service people expect of us."

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Diploma in Farm Management

Diploma in Horticultural Management

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Lincoln University will offer these subjects in conjunction with Agriculture New Zealand.

For more information please contact Lincoln University

0800 10 60 10

or write to Freepost 36, Liaison Office, PO Box 94, Lincoln University, Canterbury





Day 2 - Thursday 25 March

10 am - Bale Feeders

R L Brooker

1 Bale "Squares"

Ewing Construction Ltd

6 Bale "Squares"
2 Bale Buggy

MG Heenan Engineering

Heenan Hay Buggy single bale (round)

Robertson Farm Equipment Ltd

Comby Feed Wagon Super Comby Feed Wagon

Taege Manufacturing

2 Bale feeder (rounds)

12 noon - Plot Demonstrations - Potato Harvesting

Subject to machinery availability

1pm - Ploughs

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Herkules 9 Furrow Reversable
Gigant 5 Furrow conventional
Gigant 4 furrow reversable

CB Norwood Dist Ltd

Lemken 6 Furrow

Plucks Engineering Ltd

Klough 8 Furrow Trailing

1.30pm - Cultivation Equipment

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Power Harrow HR 3002

Euro Agri Imports (NZ) Ltd

Doublet Record 4m Combi Cultivator

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CB Norwood Dist Ltd

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Plucks 22 Tyne Chisel Plough

Remco Agricultural Machinery

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Cultivator - Toptilth 3.5m Discs - 2B Discs 3.75m

North American Imports

Bed Farmer Pearson Jumbo

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Soil Seperator Pearson Megastar Soil Renovator/Stone Burier

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3pm - Drills

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Taege Manufacturing

3.30pm - Miscellaneous

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1.00pm - Miscellaneous

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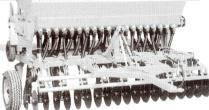
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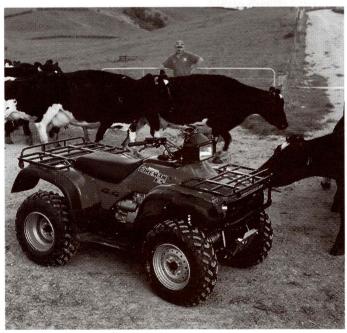




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192-193	Pratley Industries Ltd	
194	Nu Pulse New Zealand Ltd	
195,205	H & H Machinery	
197-198	Southfert	
199	RX Plastics Ltd	
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201,191	Beattie Insulators	
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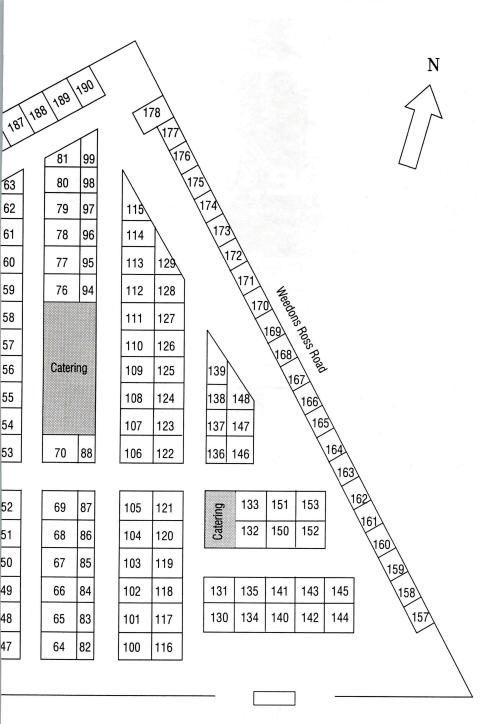
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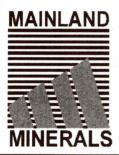
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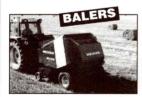


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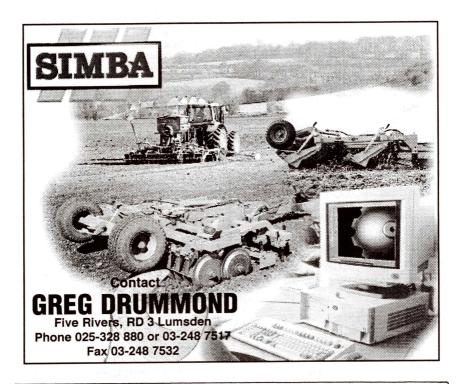
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Ph: 03 343 6761 Fax: 03 343 6762

Mainland Fuels & Oils Ltd Attn: Tom Coughlan P O Box 11085 **CHRISTCHURCH**

Site: 213

Ph: 03 339 0981 Fax: 03 339 0971

Mark Bell-Booth Ltd Attn: J Burnside Fairview RD2 TIMARU Site: C14

Ph: 03 688 0280 Fax: 03 688 0280

McEwings Mountain Sports Ltd Attn: PO·Box 137 **CHRISTCHURCH** Site: C5 & C7 Ph: 03 366 6211 Fax: 03 379 4616

McKendry Products Ltd Attn: Graeme Dalley P O Box 43 **AMBERLEY** Site: 153

Ph: 03 314 8455 Fax: 03 314 9060

Meat NZ - Goat Council Attn: Philip Boon c/- P C Boon Killinchy RD2 LEESTON

Site: 87

Ph: 03 324 3299 Fax: 03 324 3299

Mike Evans Fencing Supplies Attn: Mike Evans "Bushford" Frasers Rd Springfield R D

Site: 228

Ph: 03 318 4838 Fax: 03 318 4832

Milka-Ware New Zealand Attn: Trevor Smith PO Box 28-086 Christchurch

Site: 226

Ph: 03 389 2940 Fax: 03 389 2940

N H McCrostie & Co Ltd Attn: Ron Skews P O Box 3203 CHRISTCHURCH Site: C12

Ph: 03 366 8669 Fax: 03 366 8668

New Zealand Perendale Society Attn: Kevin Harmer C/- Mrs J Pascoe Creyke Road RD 1 Darfield Site: 216 Ph: 03 318 8260 Fax: 03 318 8260

Noble-Adams Machinery Ltd Attn: Mary or Peter P O Box 16295 Hornby CHRISTCHURCH

Site: 106-109

Ph: 03 349 7862 Fax: 03 349 7641

North American Imports Attn: c/- J R Boulton No 4 R D CHRISTCHURCH Site: 234 Ph: 03 325 5794 Fax: 03 325 5794

Nu Pulse New Zealand Ltd Attn: Tim Scott Anderson-Rooney Engineering Ltd P O Box 25147 **CHRISTCHURCH** Site: 194 Ph: 03 379 3298 Fax: 03 379 3298

NZ Hampshire Breed Society Attn: John Anderson c/- Mr J W Anderson "Toropuke" R D DARFIELD Site: C20 Ph: 03 318 8761 Fax: 03 018 8361 Mowac Corporation Ltd Attn: Mike Early P O Box 1071 **CHRISTCHURCH** Site: 63

Ph: 02 592 8545 Fax: 03 329 6400

Natural Real Salt Attn: T Weily 1 R D **ASHBURTON** Site: 230

Ph: 03 302 5899 Fax: 03 302 5888

New Zealand Tractors Limited Attn: Grant Reith Spring Farm No 5 R D Winslow ASHBURTON Site: 140 & 142

Ph: 03 308 7910 Fax: 03 307 8909

Nor-Ganic Fertilisers (1998) Ltd Attn: Mervyn Hood 50 Highridge Road RD2

PAPAKURA Site: 175

Ph: 09 292 8802 Fax: 09 292 8950

Norwest Clothing Limited Attn: Brent Gregory P O Box 3904 **CHRISTCHURCH** Site: 99

Ph: 03 379 3463 Fax: 03 379 3463

NutriTech Int Ltd Attn: Tom Jordan PO Box 22-354 Christchurch Site: C13

Ph: 03 366 9300 Fax: 03 365 2840

NZ Jersey Cattle Breeders Assn (Inc) Attn: John Allan c/- John Allan RD4 **HAMILTON** Site: C3 Ph: 07 856 0731 Fax: 07 856 0623

NZ Ostrich Export Corporation Ltd Attn: Peter Hishon P O Box 325 ALEXANDRA

Site: 25

Ph: 03 449 2883 Fax: 03 449 2803

P & H Marshall Ltd Attn: Paul Marshall Rosewill Valley RD 4 Timaru

Site: 252 Ph: 03 614 8360 Fax: 03 688 7676

Paddons Attn: Chris Paddon P O Box 2021 Washdyke TIMAŘU

Site: 66

Ph: 03 688 6900 Fax: 03 688 3900

Pearson Engineering Limited Attn: Stephen Forlong or Noel Locke P O Box 212 MATAMATA Site: 141 Ph: 07 888 8155 Fax: 07 888 7607

Penrose Engineering Attn: David Penrose 28 North Terrace Darfield Site: 173

Ph: 03 318 8656 Fax:

Peterson Portable Sawing Systems Ltd Attn: Kerris Browne POBox 98 ROTORUA Site: 247 Ph: 07 347 0847 Fax: 07 347 0847

Pluck's Engineering Ltd Attn: Graham Pluck Railway Terrace RAKAĬA Site: 143,145 Ph: 03 302 7031 Fax: 03 302 7999 Oringi Protection Wear Attn: Mark Orr Jackson Road RD2 DANNEVIRKE

Site: 221 Ph: 06 374 5513 Fax: 06 374 5558

P L Berry & Associates Attn: Peter King P O Box 1250 CHRISTCHURCH

Site: C16

Ph: 03 366 2761 Fax: 03 379 5744

Pastoral Measurements Ltd Attn: Eugene O'Sullivan POBox 18 **TEMUKA** Site: 97

Ph: 03 688 5005 Fax: 03 688 5006

Peek Display Corporation Attn: Carmen Blanchard or Sharon Shadbolt PO Box 9224 Addington Christchurch Site: C4 Ph: 03 339 8361 Fax: 03 339 8363

Peter Iremonger (Trading) Attn: Peter Iremonger Sipma & Samasz Products P O Box 63 Kirwee CANTERBURY

Site: 188

Ph: 03 318 1344 Fax: 03 318 1344

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Ph: 03 693 9470 Fax: 03 693 9473

Power Farming Attn: Gavin Neale POBox 6 MORRINSVILLE Site: 100-102,116-118 Ph: 03 349 5909 Fax: 03 349 5987 Power Up NZ Ltd Attn: Chris Dodds P O Box 5331 Papanui CHRISTCHURCH

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Racewell Industries Ltd Attn: Carol Fagan 43 King Street TE KUITI Site: 207

Ph: 07 878 8977 Fax: 07 878 7287

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Ph: 03 302 2861 Fax: 03 302 2861

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Ph: 06 843 5302 Fax: 06 843 5306

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Rabobank New Zealand Branch Attn: Rachael Wright P O Box 2976 CHRISTCHURCH Site: 21 Ph: 03 365 5594 Fax: 03 366 0883

Rainer Irrigation Ltd Attn: Les Briggs 10 Robinson Street ASHBURTON Site: 114,115

Ph: 03 308 1593 Fax: 03 308 7320

Ray Mayne Hose and Fittings Ltd Attn: Ray Mayne Somerton Road Dromore RD 2 Ashburton Site: 181-182 Ph: 03 308 9669 Fax: 03 308 9669

Reese Engineering Ltd Attn: Charles Borthwick PO Box 5056 Palmerston North Site: 38,39 Ph: 06 357 9323 Fax: 06 354 3155 Remco Agricultural Machinery Attn: Remco 318 Springs Road R D 6 CHRISTCHURCH Site: 144

Ph: 03 349 3575 Fax: 03 349 3575

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Site: 70 Ph: 03 338 3355 Fax: 03 338 8108

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Ph: 03 308 9040 Fax: 03 308 4697

Rimu Portable Sawmills Attn: Rebecca Millar 260B Waikawa Road PICTON Site: 248

Site: 248 Ph: 03 573 7563 Fax: 03 573 5550

Rockbusters Ltd Attn: Trisha Pullin 5 R D Lincoln Rolleston Road CHRISTCHURCH Site: 110

Site: 110 Ph: 03 347 8970 Fax: 03 347 8978

Roofline Products Ltd/Ian Giltrap Ltd Attn: Nigel Giltrap P O Box 16 302 CHRISTCHURCH

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Attn: Tim Mitchell
Private Bag l
High Street
Leeston
Site: 215

Ph: 03 324 3859 Fax: 03 324 3531

Ph: 03 313 5666 Fax: 03 313 3511

Skyworks Canterbury Attn: David Cartwright P O Box 257 RANGIORA Site: C21

South Devon Society Attn: Judith Moore Belvedere Montalto R D 8

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Ph: 03 348 2422 Fax: 03 348 2522

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Ph: 04 526 6250 Fax: 04 526 6238

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Ph: 06 345 8544 Fax: 06 345 4352

Techni Ice Attn: Neil Edge 15 Davidson Crescent CHRISTCHURCH 4

Site: 189

Ph: 03 349 4550 Fax: 03 349 4550

The Canopy Company Attn: Eileen Chubb P O Box 424 PARAPARAUMU

Site: 158 Ph: 04 298 3342 Fax: 04 298 9757

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Site: 235-241

Ph: 03 347 8788 Fax: 03 347 8788

Southern Woods Tree Nursery Attn: Murray Mannall P O Box 16-148 CHRISTCHURCH

Site: 214

Ph: 03 347 9221 Fax: 03 347 9223

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Ph: 03 214 4262 Fax: 03 214 4262

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Site: 223 Ph: 07 847 6859 Fax: 07 847 6859

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Ph: 03 349 2088 Fax: 03 349 2089

TechniPharm Attn: H Heese P O Box 959 ROTORUA Site: 232

Ph: 07 349 0498 Fax: 07 349 0498

Timber Graphics Attn: Dennis or Kay Scott McLeods Road RD₂ Rangiora Site: 70A

Ph: 03 312 9103 Fax: 03 312 9104

Tulloch Farm Machines Attn: John Tulloch PO Box 200 Masterton Site: 55

Ph: 06 378 2499 Fax: 06 378 2429

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Site: 178

Ph: 03 688 2147 Fax: 03 688 7177

Volpower NZ Ltd Attn: Mike Connor P O Box 58744 Greenmount AUCKLAND Site: C9 & C11

Ph: 09 274 4305 Fax: 09 274 4306

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Ph: 03 338 4560 Fax: 03 338 6190

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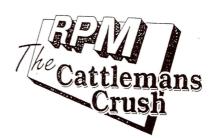
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